

Capital Structure Decisions among Indian SMEs: An Empirical Study of Debt-Equity Choices and Firm Performance

Kavish Rungta¹ and Dr. Manoj Verghese²

¹Student, Krishna Vikash Global School, Raipur, India

²Director, School of Management & Commerce, Rungta International Skills University

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ABSTRACT

'Small and Medium-sized Enterprises (SMEs) adopt a careful and deliberate approach to optimizing their capital structures'. Discuss Capital structure and decision is among the strategic prediction that affects how a company performs, grows and the long-term health of SMEs in India. This paper examines the financing preferences of debt and equity favored by SMEs in India and their impact on firm's accomplishment. This research is an empirical on the connection between firm value, profitability proxies and leverage funded model based on 150 small-medium industrial or Service Company that published financial statements for period of 2019 up to 2023. It is examining the significance of pecking order and trade-off theories to the Indian SMEs and its association between financing decisions with variables like profitability, size of business, growth opportunity and asset tangibility. The approach is based upon multiple regression and correlation by taking financial ratios extracted (borrowing) from CMIE Prowess data base. The study's findings indicate that Indian SMEs exhibit a positive but moderate inclination towards debt financing. An important negative correlation exists between leverage and ROA. ($ROA = -0.42, p < 0.01$), which means that leverage does not work perfectly. The results show that there is a lot of difference between sectors. For instance, manufacturers have more leverage in terms of assets (1.32) than service companies (0.87). The research improves comprehension of capital structure dynamics in developing markers and provides useful guidance for SME financial executives.

Keywords: Capital Structure, Indian SMEs, Debt-Equity Ratio, Firm Performance, Leverage

1. Introduction

For hundreds of years, businesses have been finding ways to fund their operations. They are interested in which combination of "leverage" (debt and equity) is the most suitable. This is the

single most critical step in running a company's finances. The implications are enormous for the industry, the cost of capital, shareholder value and the overall risk-return profile of the firm, both immediately and over the prolonged duration. The idea stems from the original work of Modigliani and Miller (1958) which suggests that in an ideal situation, the capital structure puzzle is that the value of a firm has a separate independence of its capital structure. Financing and investment decisions are made in a real-world context with taxation, information asymmetry, transaction costs and market inefficiencies, which have enduring ramifications for profitability and business value. For decades scholars and practitioners have investigated the capital structure and the way its components influence business interpretation, especially in growing and emergent markets with evident defects in the market place. And against that wider context, the financial decisions being made by our small and medium firms are more important than ever. SMEs are so important to economic growth, job creation and innovative ideas. However, they are financed in smaller less widely publicized ways than how companies are.

SMEs in India make up more than 30% of the country's GDP and almost half of its exports. They are the engine of industry, and service-based economy. Indian SMEs continue to struggle for adequate affordable finance, although this is crucial to their business. They do not have much in the way of assets, so it is challenging for them to issue long-term debt or sell shares on formal markets. For Indian SMEs, capital structure decisions are not only about making money but survival due to strategic reasons. So, it is of vital importance to analyses empirically the way in which these firms choose between debt and equity and how they make this choice affect their profitability and performance. Bhaduri (2002) emphasized in the study of the Indian corporate sector that while firm-specific, industry-specific and macroeconomic factors together influence financing choices, such determinants behave quite differently with respect to SME segment due to limitations concerning size, governance and information.

Theoretical Context and Global Empirical Evidence

The capital structure literature contains a variety of theoretical models that explain how firms know the optimal combination of finance. The Model of Trade-off Leverage levels for businesses are established by weighing potential agency and bankruptcy expenses against the tax shelter of debt. Rather, the pecking order theory (Myers, 1984; Myers and Majluf, 1984) argues that firms follow order in subsidizing options execution due to increased knowledge asymmetry between managers and outsiders. As a result, businesses prioritize internal capital above debt, with stock being considered only at the very end due to its greater cost. The agency theory likewise explains how monitoring costs and managers' incentives influence the financing decisions. These theories were evaluated in developed markets, and their relevance to emerging economies depends on differences in institutions and markets. Empirical affirmation on the underlying factors of capital structure in industrialized and emerging nations is inconclusive. On

the basis of his study on Ghana stock exchange-listed companies Abor (2005) discovered that profitability had a favorable relationship with short-term debt ratios and unfavorable with long-term debt ratios. This means long-term funds being hard to come by, firms will prefer short-term borrowing. Based on their study of French and Greek SMEs, Daskalakis and Psillakis ([2008]) concluded that firm-specific attributes such as size, asset structure and revenues explained leverage differences more significantly than did country-level variables. Their results suggest that even though macroeconomic conditions are important, the main factors affecting SMEs' Choices about capital structure are characteristics of the firms themselves.

Deesomsak, Paudyal and Pescetto (2004) investigated that firm-level characteristics including size, profitability and asset tangibility as well as country specific institutional differences such as the growth of financial markets faculty and investor protection existed in a degree effect on firm leverage for Asia-Pacific countries. In economies like India, where capital markets are relatively closed for SMEs, the role of institutional context is particularly pertinent, a banking system, however, is favorable, yet predisposed to meet only corporate finance needs. And Frank and Goyal (2009) make their contribution to this debate by pointing out consistently significant determinants of financing in cross-country data. They discovered that determinacy choice of leverage has been consistently focused on three determinants: tangibility, firm size and profitability. This study gives the methodological basis for the comparative empirical evaluation (in developing countries like India).

Capital Structure Decisions and Firm Performance in the Indian SME Context

In India, most research on capital structure has contributed to understanding the big listed corporations. Much research about small and medium-sized businesses (SMEs) has been lacking. Chakraborty (2010) evidenced an unfavorable impact on leverage from profitability and chance of progress when studying the choice regarding the equity structure of Indian listed firms, thus supporting in a developing environment of the market of the pecking order theory. Yet, SMEs operate in different structural and informational circumstances than do listed companies. They depend on informal credit networks and can't reach equity markets, and they don't have that much space to deal with financial shocks, so often they make financing choices that are suboptimal and only aimed at keeping them going. For this reason, the choice of capital structure by our Indian SMEs is not only decided by internal firm governance factors, but it also depends upon the external institutional constraints. Evidence suggests that long-term bank loans and equity are not significant origin of funding for Indian small and medium-sized firms (SMEs), which raise money from informal sources like trade credit, short-term or personal savings." The banking standard of lending against collateral has made accessing loans even harder for these businesses. Graham and Harvey (2001) reported in a seminal study on the practice of corporate finance that it is not only firms of developing countries, but also advanced ones actually do not

pay proper attention to theoretical models when deciding upon financing; instead, they use managerial judgment and market signals. This behavior is even accentuated in small and medium-sized businesses, whose owners' not wanting to assume risks, control by family members or lack of information determine how they seek capital. Therefore, factors of capital structure in Indian SMEs are not merely financially rational for the social and institutional factors also play a role.

Importantly, the context in which we evaluate these theories of capital structure greatly impacts their value and the lesson drawn. Hypothesis for the Study: The interplay of size, asset tangibility, leverage, profitability, and the prospects for future growth in the Indian context fosters an environment conducive to empirical research. This situation presents a favorable opportunity to assess the influence of these factors on the capital structure and financing decisions of Indian companies. The influence of the debt-equity settlement of revenue in the Indian SME sector is still up for debate. Moderate consensus clarifies the way finances enforce discipline; utilizing tax-saving benefits represents a distinct category, in which the heightened risk of financial distress may lead to possible disadvantages. As a result, there is a lack of actual research on the debt-equity trade-off and how it influences the financial achievement of small and medium-sized businesses (SMEs) in India. Nonetheless, in the existing literature. This investigation will address this deficiency.

Rationale and Research Focus

This research examines the elements that influence decision-making, making on capital structure, and the effects of capital structure on financial execution of the struggling SMEs in India. In this chapter we attempt to put the experiences of Indian SMEs in a broader worldwide perspective by utilizing both theoretical frameworks and empirical evidence from international literature. The study seeks to identify those elements that are peculiar to the SMEs and their surrounding market framework that affect debt-equity ratios. It also evaluates the impact of such strength on a firm's profit and efficiency. The results could help both researchers and Indian policy makers to understand how to better finance small and medium enterprises. And they'll also help banks, regulators and entrepreneurs trying to grow their businesses sustainably by managing their capital structure effectively.

2. Literature Review

Theoretical Foundations of Capital Structure

Academic research on capital structure has been "enriched" by the many theoretical and practical studies that have followed the so-called irrelevance statement supplied by Modigliani and Miller (1958). Based on their findings, in a perfect market where taxes, bankruptcy costs, and

information asymmetry do not exist, a company's worth is unaffected by its financing choices. This groundwork laid the groundwork for further theoretical efforts. Businesses should prioritise internal funds, loans, and stocks as financing sources, according to the financial remaining order hypothesis that Myers (1984) proposed. Funding from outside sources is expensive due to the hierarchical structure that is driven by asymmetric information and unfavorable selection. Due to the owner-managers' comparative information advantage over external investors on the future possibilities, obtaining external financing is more difficult for SMEs compared to larger enterprises. Because of this, the idea is extremely applicable to SMEs. To find the best leverage ratios, firms should consider the tax benefit with the financial pressure and other expenses of debt, according to the tradeoff technique. By including agency costs as an explanation of how debt might serve as a monitoring device to curtail managerial discretion and so align managers' interests with owners', Jensen and Meckling (1976) advanced this viewpoint. Because ownership and control are less clearly defined in SMEs, agency problems might not be as bad. However, because of the low levels of diversification and higher default risk that may come with external financing, disputes with creditors are likely to worsen. Firm-specific attributes (including asset tangibility, profitability, size, and growth prospects) vital in determining the capital structure levels of U.S. enterprises, according to empirical data, such as that given by Titman and Wessels (1988).

Empirical Evidence and Contextual Applications

International evidence regarding capital structure indicates varied patterns between developed and emerging markets. Frank and Goyal (2009) combined light of same on the stated determines by institution. Interpreting empirical evidence to explain strong and systematic relationships between capital structures determined across different settings, their results sought that although fundamentals relationships are common across geographical regions, institutions significantly affect these relationships. Wald (1999) extended international correlation to show the importance of country-specific factors on corporate financing structure in that legal systems, tax systems and trading system all matter. Regarding Emerging markets, Singh and Hamid (1992) noted that firms in emerging nations show particular characteristics in terms of capital structure; showing more dependence on short term debt and less utilizing equity market than those located in advanced economies. Zou and Xiao (2006) also found that institutional ownership and government relationships with Chinese companies' leverage had similar effects. This illustrates how the institutional contexts of emerging markets influence financing decisions in a manner that diverges from conventional theories. Bhaduri (2002) analyzed the factors contributing to capital structure adopted by Indian firms and found that growth, size, uniqueness was amongst the major determinants of changes in the leverage. Both the trade-off and pecking order theories are partially supported by the findings., while highlighting context-dependent variations.

In his examination in the capital structure empirically testing Indian companies, Pandey (2001) found that asset tangibility and size of firm definitely impact leverage while profitability has a negative effect on leverage. It exhibits a trend similar to much of the rest of the world, just tempered by Indian activity. Chakraborty (2010) studied only India stock exchange regarding how ownership structures and state of market influence financial decisions. It showed how the ownership characteristics as well as business group affiliations of Indian firms have deep implications for their debt-equity choices. In an investigation of corporate finance executives, Graham and Harvey (2001) show that practitioners worry about flexibility in financing decisions and credit ratings when determining capital structure, as opposed to the purely theoretical optimal plan models. The SME capital structure issue is also a more complex matter than it seems and requires more targeted research. Daskalakis and Psillaki (2008) show that the institutional differences at the national level have fundamental implications about SME financing behaviour, which are more relevant than any firm specific characteristics, and that the most relevant determinants of the financing mix are the relationship banking and the credit accessibility, after the analysis of French and Greek SMEs.

3. Research Questions

This research aims to answer key questions

1. What are the factors impacting debt-equity decisions in Indian SMEs?
2. What is the effect of capital structure on the performance of business in different industries?
3. Are established theories of capital structure sufficient to describe the financing behaviour of Indian SMEs?

4. Objectives

The present research work is intended to find out the effect of capital structure decisions on significance of Indian SME, the cost of capital and financial flexibility of the organization.

- a) Analyze the trade-offs between benefits and bankruptcy risk
- b) Compare capital structure by industry and growth stage
- c) Examine the market timing and signaling impacts in financing decisions

5. Methodology

The quantitative research approach, i.e. panel data analysis method was employed in this study for capital structure selection and impacts in the Indian SME sector. Methodology The study

adopts the literature review and investigates descriptive, and analytical research designs analyzing the time series, and cross-section relationships of financing choices on the corporation's performance. The sample comprises 150 SMEs from manufacturing and services industries across India, selected by stratified random sampling to be representative of the sector as well as the region. A Professional Firm falling within the Micro and Small-Scale Business Class as per MSME Development Act, 2006. p These were based on the FDI [Foreign Direct Investment] in a given year [(recently amended in 2020 as per FDI restrictions and turnover limits) etc. This yields a total of 750 firm year observations to be analyzed during a five fiscal year period from 2019–2023. This time span includes both the good economic times and the craziness of COVID-19. You get a feel of how capital structures change in crisis.

Center for Monitoring Indian Economy. The financial data including wide coverage of Indian corporate financial data was obtained from the Prowess database. The elements are market capitalization, profits before interest and taxes, net profit, total debt, equity, total assets, current assets, current liabilities and fixed assets in tangible form. Company age, ownership structure and sector classification were collected from databases and annual reports. The criteria used to measure the performance are return on equity (ROE), return on asset (ROA), Tobin's Q, and EPS. In this study, the dependent variable debt-to-equity ratio is employed to describe the preference of capital structure specific to firms. The research contains control factors such as business size (natural logarithm of total assets), asset tangibility (ratio of fixed assets to total assets), growth prospect (annual growth rate of sales), financial performance and EBITDA margin, liquidity and business age a proxy for repute. This study utilized descriptive statistics, correlation and multiple regression to examine the correlation between the explanatory variables and the dependent variable. Compare the two models by using Hausman specification tests and conclude which one is superior.

$$\text{Performance} = \beta_0 + \beta_1(\text{Debt-Equity Ratio}) + \beta_2(\text{Firm Size}) + \beta_3(\text{Tangibility}) + \beta_4(\text{Growth}) + \beta_5(\text{Profitability}) + \beta_6(\text{Liquidity}) + \beta_7(\text{Age}) + e.$$

Further analysis includes cross-sectional analysis across sectors using independent t-tests and ANOVA, non-linearity through quadratic terms, and robustness to leverage versus response and performance proxy. We test for multicollinearity, heteroscedasticity and autocorrelation problems at 1%, 5% and 10% levels of statistical significance.

6. Results

Table 1: Descriptive Statistics and Sectoral Comparison of Key Financial Ratios (N=150 SMEs, 2019-2023)

Financial Metric	Manufacturing (n=85)	Service (n=65)	Sector	Overall Mean	Std. Deviation
Debt-Equity Ratio	1.32	0.87		1.12	0.58
Return on Assets (%)	8.45	11.23		9.67	4.32
Return on Equity (%)	14.67	18.92		16.52	7.89
Interest Coverage Ratio	4.23	6.78		5.35	2.41
Current Ratio	1.68	1.94		1.79	0.52
Asset Tangibility (%)	52.34	28.67		42.18	15.23
Sales Growth Rate (%)	12.45	15.87		13.92	8.76

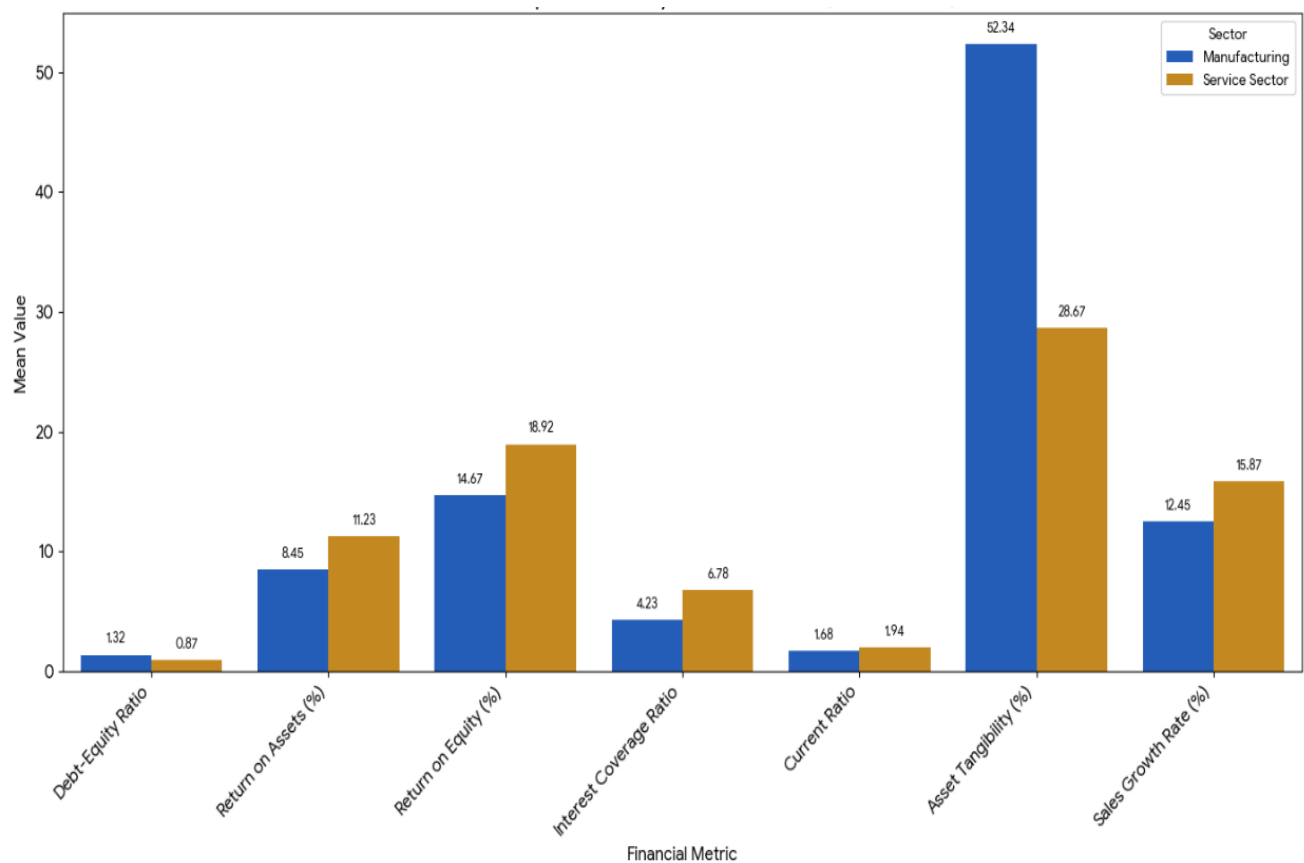
Source: Author's calculations based on data from CMIE Prowess Database (2019-2023)

Table 1 shows descriptive statistics showing substantial variances in capital structure and performance of Indian SMES by sector. For manufacturing the ratio is 1.32, for the service industry 0.87."

This means that the companies engaged in manufacturing business use leverage more, and it also can be evidence for the physical type of assets($p = 52.34\%28.67\%$).This aligns with trade-

off theory concerning tangible assets. facilitate access to loan due to their potential use as a collateral. The profitability measurements for these service sector SMEs are higher than the profit abilities of manufacturing SMEs, at 11.23% (ROA) and 18.92 % (ROE), as against those of 8.45% and 14.67%, respectively. The better interest coverage ratios for service firms (6.78 vs. 4.23) means that they can make their debt payments, despite having less debt. This could mean that their cash flows are more stable and they need less capital.

Graph 1: Sectorial Comparison of key Financial Ratios



Graph 1 shows that the Manufacturing sector has a higher Asset Tangibility (52.34% vs. 28.67%) but a lower Return on Equity (14.67% vs. 18.92%) and Sales Growth Rate (12.45% vs. 15.87%) than the Service Sector. The Debt-Equity Ratio for the Manufacturing is a little bit higher (1.32 vs 0.87) or Current Ratio is lower (1.68 vs 1.94). The Return on Assets and Interest Coverage Ratio of the Service Sector is, however, both higher (11.23% to 8.45%) and (6.78 to 4.23), respectively.

Table 2: Analysis of Regression Results – Effect of Capital Structure on Firm Performance (Panel Data, 2019-2023)

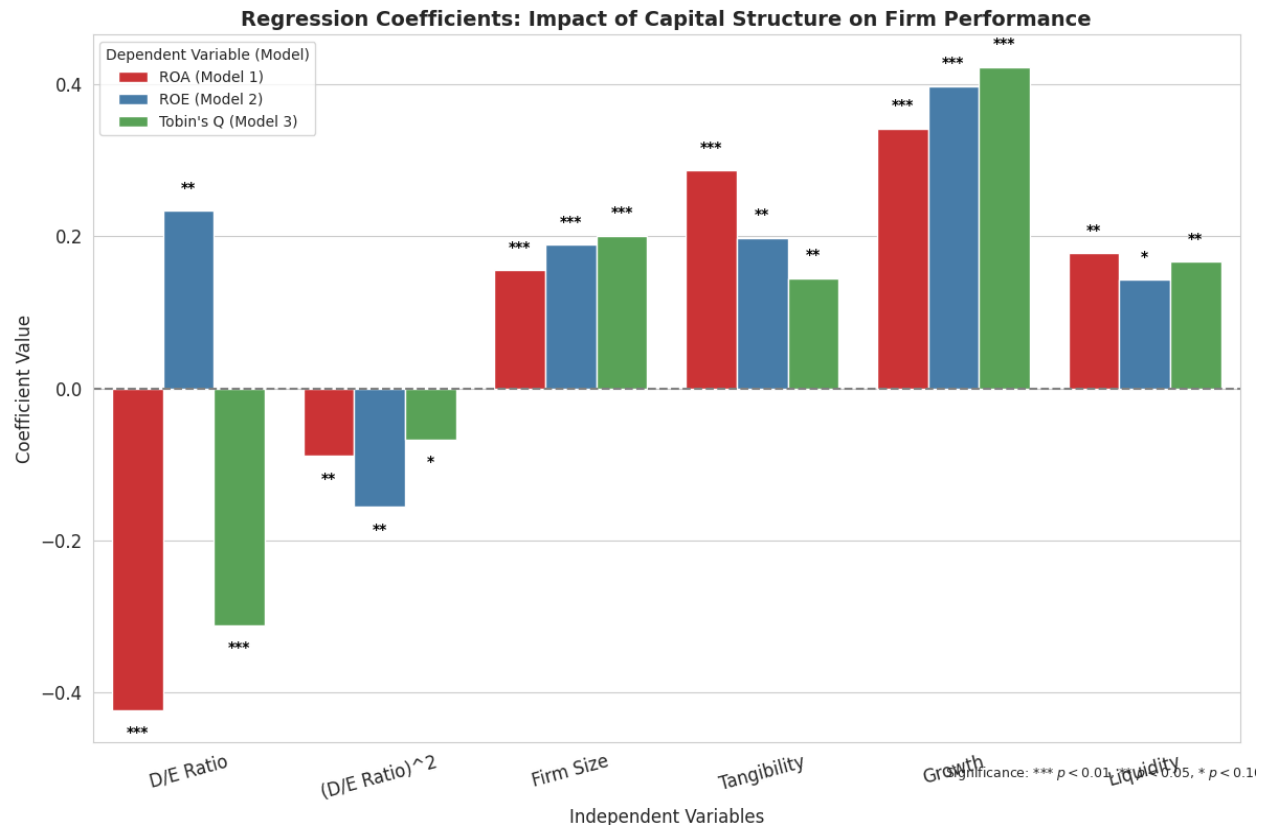
Independent Variables	ROA (Model 1)	ROE (Model 2)	Tobin's Q (Model 3)
Debt-Equity Ratio	-0.423*** (0.087)	0.234** (0.112)	-0.312*** (0.095)
(Debt-Equity Ratio) ²	-0.089** (0.041)	-0.156** (0.068)	-0.002546
Firm Size (Log Assets)	0.156*** (0.043)	0.189*** (0.052)	0.201*** (0.048)
Tangibility	0.287*** (0.076)	0.198** (0.089)	0.145** (0.071)
Growth Opportunities	0.342*** (0.062)	0.398*** (0.074)	0.423*** (0.069)
Liquidity (Current Ratio)	0.178** (0.081)	0.143* (0.086)	0.167** (0.079)
Constant	2.345*** (0.432)	3.876*** (0.567)	1.987*** (0.398)
R-squared	0.623	0.587	0.641
F-statistic	47.32***	41.87***	52.14***
Observations	750	750	750

Note: Standard errors in parentheses; ***p<0.01, **p<0.05, *p<0.10

Source: Author's calculations using Stata 16.0

Table 2 reports the results of a multivariate model that points to the complexity of the relationship between capital structure and corporate performance. The debt (measured by DE ratio) in the ROA model is significantly significant and negative (-0.423, p<0.01). So, leverage increases and profitability of assets decrease in turn. The negative coefficient of the squared term (-0.089, p<0.05) indicates an inverted U-shaped and nonlinear relationship where degradations in performance become faster after reaching optimal levels of leverage. The ROE has an important positive effect of debt-equity ratio (0.234, p<0.05), which is intriguing due to the fact that usually financial leverage can make certain situation worse. But the negative squared term indicates that returns are diminishing. For Tobin's Q, which is a measure of market worth, leverage has an extremely negative effect (-0.312; p<0.01). In other words, markets penalize highly leveraged SMEs as they regard these firms to be vulnerable to financial distress. Control variables maintain expected relations with additional control measures: firm size, tangibility, growth options and liquidity are positively correlated with performance metrics in all specifications. Activated models explain 58-64% of performance variability ($R^2=0.587-0.641$) and the resulting F-statistics are highly significant in all cases, meaning that these models are good on average.

Graph 2: Regression Coefficients: Consequences of Capital Structure on Firm Performance



Graph 2 displays the estimated coefficients of the three models (ROA, ROE, and Tobin's Q) that characterize a business's performance in relation to its capital structure and other factors. In every specification, it is discovered that the debt-to-equity (D/E) ratio is adversely sensitive. Accordingly, the greater the debt, there would put down so you're going to get hurt on your performance. Growth, on the other hand, significantly and strongly improves all three metrics. Asterisks indicate the varying degrees of significance for other parameters, such as Firm Size and Tangibility (* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$).

7. Discussion

The information from Table 1, 2 and Graph 1, 2 is empirical data; we have a lot of knowledge on how Indian SMEs raised fund for themselves and how this decision of regarding their capital structure influence their performance between the years 2019 to 2023. This part is dedicated to an interpretation regarding existence of difference as they are perceived within this article's

theoretical reference frame and previous empirical analyses; it emphasizes sectorial differences, leverage-performance association and firm wise characteristics affecting the performance.

Sectoral Variations in Capital Structure and Performance

Descriptive analysis based on Table 1, it is obvious that there exists a distinction between Indian manufacturing and service SMEs as well. Manufacturing firms have more average D/E ratio (1.32) than service firms (0.87). This is because manufacturing companies have more percent of tangible assets (52.34%56.45.46928 as compared to 28.67%). This result follows the trade-off theory where hard assets can act as bonds and so allow debt (Frank & Goyal, 2009; Daskalakis & Psillaki, 2008). Manufacturers, which require many fixed assets and much capital, also seem to be better at using tangible collateral to secure loans. The other type is a service-driven small and medium size enterprise (SME) as there are not as many assets, it is a more internally equity financed level of debt as an ownership structure or by short-term loans. In contrast, the profitability indicators confirm a completely reverse trend, where service sector companies have a mean ROA of 11.23% and a ROE of 18.92%, whereas companies in the manufacturing sector have a mean ROA of 8.45% and ROE of 14.67%. This means service organizations can be nimbler and conduct their businesses more efficiently with less debt and less assets. This is further evidenced by the service sector's stronger Interest Coverage Ratio (6.78 vs 4.23), which indicates that the service sector is better able to service its debt despite its lower leverage. These trends strengthen the idea that sometimes-excess debt can try to extract return from cyclical asset-heavy sectors when market conditions or demand movement make it problematic. The findings are in line with the works of Abor (2005) and Chakraborty (2010) that high leverage is positively associated with reduction in profitability in developing market enterprises.

Leverage and Firm Performance: Evidence of Non-Linearity

The regression outcomes presented in Table 2 indicate that leverage exhibits a substantial non-linear correlation with efficacy throughout all three models (ROA, ROE, and Tobin's Q). More leverage also results in lower quality assets, which is corroborated with the negative and statistically significant coefficient for the debt-to-equity ratio in the ROA model: -0.423 ($p < 0.01$). The negative square term (-0.089 , $p < 0.05$) is also consistent with the reverse. A U-shaped relationship exists wherein firm performance improves with leverage until reaching an optimal threshold then begins to decrease. Such a finding aligns with the static trade-off theory, by which companies evaluate the tax advantages of debt in relation to the heightened expenses associated with bankruptcy and agency issues (Deesomsak et al, 2004; Bhaduri, 2002). This is due to the relatively large interest burden and limited capacity of SMEs to absorb financial shocks; therefore, excessive lending would quickly reduce returns. Leverage has a linear good effect on ROE (0.234, $p < 0.05$); 6) this result is interesting in the sense that: tenants of a bedrock

principle of finance," implies that "debt can create additional value by tapping the risk preference of shareholders" would help explain this). However, the negative squared term ($-0.156, p < 0.05$) implies that these economic benefits increase but at a decreasing rate with debt (the marginal effect of debt on the economic benefits). Empirical evidence of both Abor (2005) and Daskalakis & Psillaki (2008) confirm these two effects, since leverage initially increases equity, to eventually reduce it as financial risk increases. This suggests that Indian SMEs are also facing the same trade off where moderate gearing increases the equity returns but high levels of gearing results in bad performance due to financial distress and illiquidity.

A statistically substantial negative association exists between Tobin's Q and the debt-equity ratio. ($-0.312, p < 0.01$). Due to this, the market punishes highly geared SMEs for this. From what I guess, investors appear to regard boldware leverage as risk or the absence of future growth opportunity if small and medium businesses depend on short-term debts with their financial statements being less clear. Graham and Harvey (2001) demonstrated that managers keep conservative financing structures to appease the demand for financial flexibility and joy from the investors. This also squares with the other findings we discovered in the paper by Frank and Goyal (2009) which we reviewed: markets are less forgiving of firms with lots of debt, especially in the economies with less creditor protection.

The Role of Firm-Specific Determinants

Regression results have appropriate signs and substantial amounts for each control factor indicating the presence of some firm-specific characteristics influencing performance. On the other hand, the coefficient from firm size is a positive number ($0.156 \leq \beta \leq 0.201, p < 0.01$). It indicated that larger SME get more benefit from credit access easy, economy with scales and decrease society information draught problem. The positive influence of asset tangibility on performance ($\beta = 0.145 -- 0.287, p < 0.05$) suggests that firms with more physical virtue are more favorably positioned to carry off and therefore more financially stable. The impact of growth opportunities is the most significant ($\beta = 0.342 -- 0.423, p < 0.01$), which means that firms with more growth space are easier to finance and work better. In terms of liquidity (Q), indicated by current ratio, liquidity is positively correlated with performance ($\beta = 0.143 -- 0.178$) which implies excess liquidity may decrease resource usage efficiency.

Sectoral Interpretation and Theoretical Alignment

The influence of interaction between capital structure and interpretation on sectors was also found differentiated. Of course, SMEs are tapping more newly mop-up manufacturing loans, but the level of debt held by these companies has been growing faster than their profit with the rising capital cost and demand environment changes in the way to the U. S. However, service industry

SMEs have a far more flexible cost structure, and are turning huge profits and repaying their loans. This asymmetry illustrates the crucial role of firm-specific financial policies, since firm characteristics as articulated via different identification mechanisms matter for the impact of leverage on performance. Results not only offer actual market empirical evidence but also add to a new theoretical exploration of trade-off and pecking order theories. So, SMEs seem to want a semi-debt payout that gets one or both tax shields and therefore financial flexibility somewhat; so too much debt does in fact hurt performance as imperfection trade-off theory predicts should. Meanwhile, profitable companies with decent growth opportunities are spending a lot of their own money on their operations. That tells you what it is that they want from life. These two findings therefore indicate that Indian SMEs are not dependent solely on the theoretical determinants in making decisions on financing, they also take into account the imperfections of the markets, the creditworthiness and the managerial caution.

Policy and Managerial Implications

These reported correlations are of significant relevance to SME policymakers, financiers, and managers. We show that if credit availability is improved (e.g. with unsecured or collateralized lending programs) firms could be more competitive but not overleveraged (suggesting a non-favorable outcome from a policy-making perspective). All risk rating models used by banks and other credit providers must be, so far as possible, the same across all industries. The reason behind is the nature of the assets and the income driver which are different between sectors. It would want to keep leverage at a reasonable but sustainable level, nothing that they couldn't relate to and make sense of. In the near term, debt bloat helps profits out, but it also hampers its long-term profitability and valuation. If reducing creditworthiness and long performance is the goal, managers will also have to see that operations become better, assets applied smartly and liquidity managed well done. Moreover, some of those talent development programs should also educate small entrepreneurs about financial management and future planning. This will mean they can make better long-term finance decisions consistent with their overall growth goal.

8. Conclusion

This paper makes a major practical contribution to empirical knowledge of the capital structure decisions of Indian SMEs and their consequences for firms in the interests of both the academic and business communities. It also shows that capital structure is an important element of corporate interpretation but its effects are different for different industries, types of organizations and estimated performance. The results are consistent with the expectations of the trade-off theory on optimal CG and leverage, but also suggest that such relationships are dependent on certain contextual characteristics in Indian SMEs. SMEs in manufacturing and services industries have a diverse financial structure, company nature, assets control and access to credit. Used with

restraint and respect, leverage can assist you with financial discipline & taxation. But debt can also impair performance. It can weigh on interest costs and weaken people. Investors may make a profit on small and/or medium-size enterprises but they despise it. It's because the market prices these things in. The takeaway is that you need to build a financing structure that works for you and your business concept.

The study has some important statements for different types of people. Small-business owners might be startled to learn that the decisions they make regarding how to fund their firms would have a much greater impact on their performance than simply having access to cash. So, we need to be judicious in how we manage leverage over the long term: it needs to be able to participate in the upside without the downside being exposed to the distress costs. These measures could help banks originate niche loans for small and medium-size businesses, regardless of their stage in the growth cycle or in what industry they operate. Policy makers also need to do more to shore up our financial system so that money reaches small and medium-size businesses through other sorts of funding channels, such as borrowing or selling stock. They also have to get people better educated about money, so that businesses can't just be smarter with their money. The research can further be developed to investigate how handling differs in new the capital structure policy over phases of business cycle together with the aim of understanding behavioral consequences reflected under financing decisions and investigation of different funding sources like crowd funding. Ethical based lending may have a role here by allowing for such an empirical cross state comparison of different operational levels which in turn is crucial to explain the Indian institutional development. It is probable that the evolution of capital structure and of optimal financial behaviour over a firm's lifetime could only be uncovered through longitudinal studies following either an individual firm or a panel of SMEs through their life courses.

References

1. Abor, J. (2005). The effect of capital structure on profitability: An empirical analysis of listed firms in Ghana. *Journal of Risk Finance*, 6(5), 438-445.
2. Bhaduri, S. N. (2002). Determinants of capital structure choice: A study of the Indian corporate sector. *Applied Financial Economics*, 12(9), 655-665.
3. Chakraborty, I. (2010). Capital structure in an emerging stock market: The case of India. *Research in International Business and Finance*, 24(3), 295-314.
4. Daskalakis, N., &Psillaki, M. (2008). Do country or firm factors explain capital structure? Evidence from SMEs in France and Greece. *Applied Financial Economics*, 18(2), 87-97.

5. Dee Somsak, R., Paudyal, K., & Pescetto, G. (2004). The determinants of capital structure: Evidence from the Asia Pacific region. *Journal of Multinational Financial Management*, 14(4-5), 387-405.
6. Frank, M. Z., & Goyal, V. K. (2009). Capital structure decisions: Which factors are reliably important? *Financial Management*, 38(1), 1-37.
7. Graham, J. R., & Harvey, C. R. (2001). The theory and practice of corporate finance: Evidence from the field. *Journal of Financial Economics*, 60(2-3), 187-243.
8. Jensen, M. C., & Meckling, W. H. (1976). Theory of the firm: Managerial behavior, agency costs and ownership structure. *Journal of Financial Economics*, 3(4), 305-360.
9. Kester, W. C. (1986). Capital and ownership structure: A comparison of United States and Japanese manufacturing corporations. *Financial Management*, 15(1), 5-16.
10. Modigliani, F., & Miller, M. H. (1958). The cost of capital, corporation finance and the theory of investment. *American Economic Review*, 48(3), 261-297.
11. Myers, S. C. (1984). The capital structure puzzle. *Journal of Finance*, 39(3), 574-592.
12. Myers, S. C., & Majluf, N. S. (1984). Corporate financing and investment decisions when firms have information that investors do not have. *Journal of Financial Economics*, 13(2), 187-221.
13. Pandey, I. M. (2001). Capital structure and the firm characteristics: Evidence from an emerging market. *IIMA Working Paper*, 2001-10-04, 1-24.
14. Rajan, R. G., & Zingales, L. (1995). What do we know about capital structure? Some evidence from international data. *Journal of Finance*, 50(5), 1421-1460.
15. Shyam-Sunder, L., & Myers, S. C. (1999). Testing static tradeoff against pecking order models of capital structure. *Journal of Financial Economics*, 51(2), 219-244.
16. Singh, A., & Hamid, J. (1992). Corporate financial structures in developing countries. *IFC Technical Paper No. 1*, International Finance Corporation, Washington, DC.
17. Titman, S., & Wessels, R. (1988). The determinants of capital structure choice. *Journal of Finance*, 43(1), 1-19.
18. Wald, J. K. (1999). How firm characteristics affect capital structure: An international comparison. *Journal of Financial Research*, 22(2), 161-187.

19. Zeitun, R., & Tian, G. G. (2007). Capital structure and corporate performance: Evidence from Jordan. *Australasian Accounting, Business and Finance Journal*, 1(4), 40-61.
20. Zou, H., & Xiao, J. Z. (2006). The financing behaviour of listed Chinese firms. *British Accounting Review*, 38(3), 239-258.